User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:25:46

Sample: AE06450
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/19/02 14:25 Ended: 4/19/02 14:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

Comments for Sample AE06450 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-19-2002 Time: 14:26:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 8:59 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	434520	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1546005	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	864848	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1201782	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	684107	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	453424	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD	30.66	235	79145	5.66	ug/mL	0.16
Spiked Amount 5.000			Recovery = 113.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.42	74	914	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.26	146	254	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.91	128	1070	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.62	149	971	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 17 Apr 2002 3:05 pm Operator:
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Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

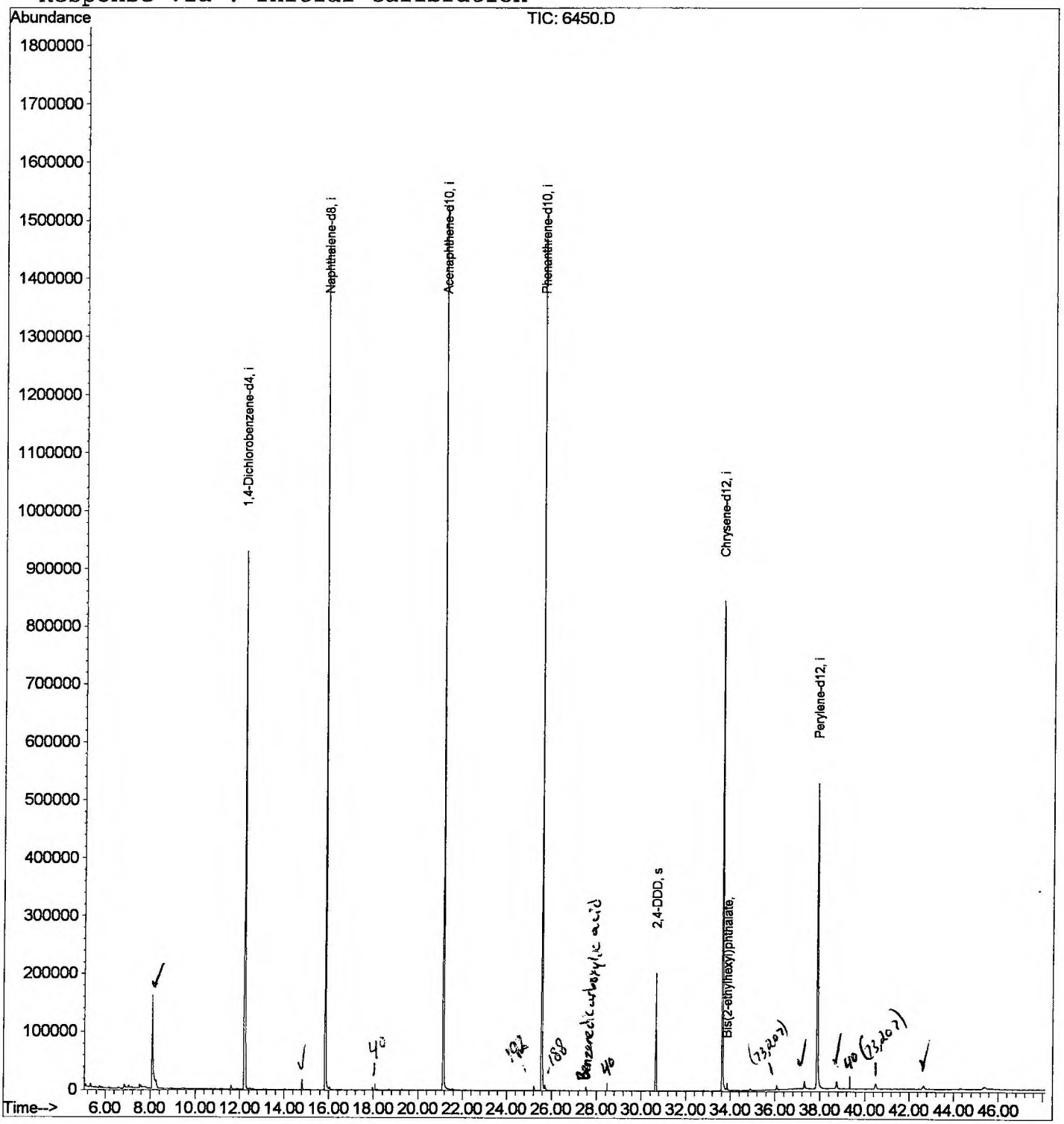
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.65	178	406	N.D.	
35) Anthracene	25.65	178	406	N.D.	
36) Di-n-butylphthalate	27.56	149	9178	N.D.	
37) Fluoranthene	29.28	202	335	N.D.	
40) Pyrene	29.96	202	432	N.D.	
41) Butylbenzylphthalate	32.08	149	221	N.D.	
42) Benzo(a)anthracene	33.65	228	1663	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	8032	0.47 ug/l	98
44) Chrysene	33.71	228	445	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	36.70	252	430	N.D.	
48) Benzo(k)fluoranthene	36.76	252	297	N.D.	
49) Benzo(a)pyrene	37.88	252	1807	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 8:59 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

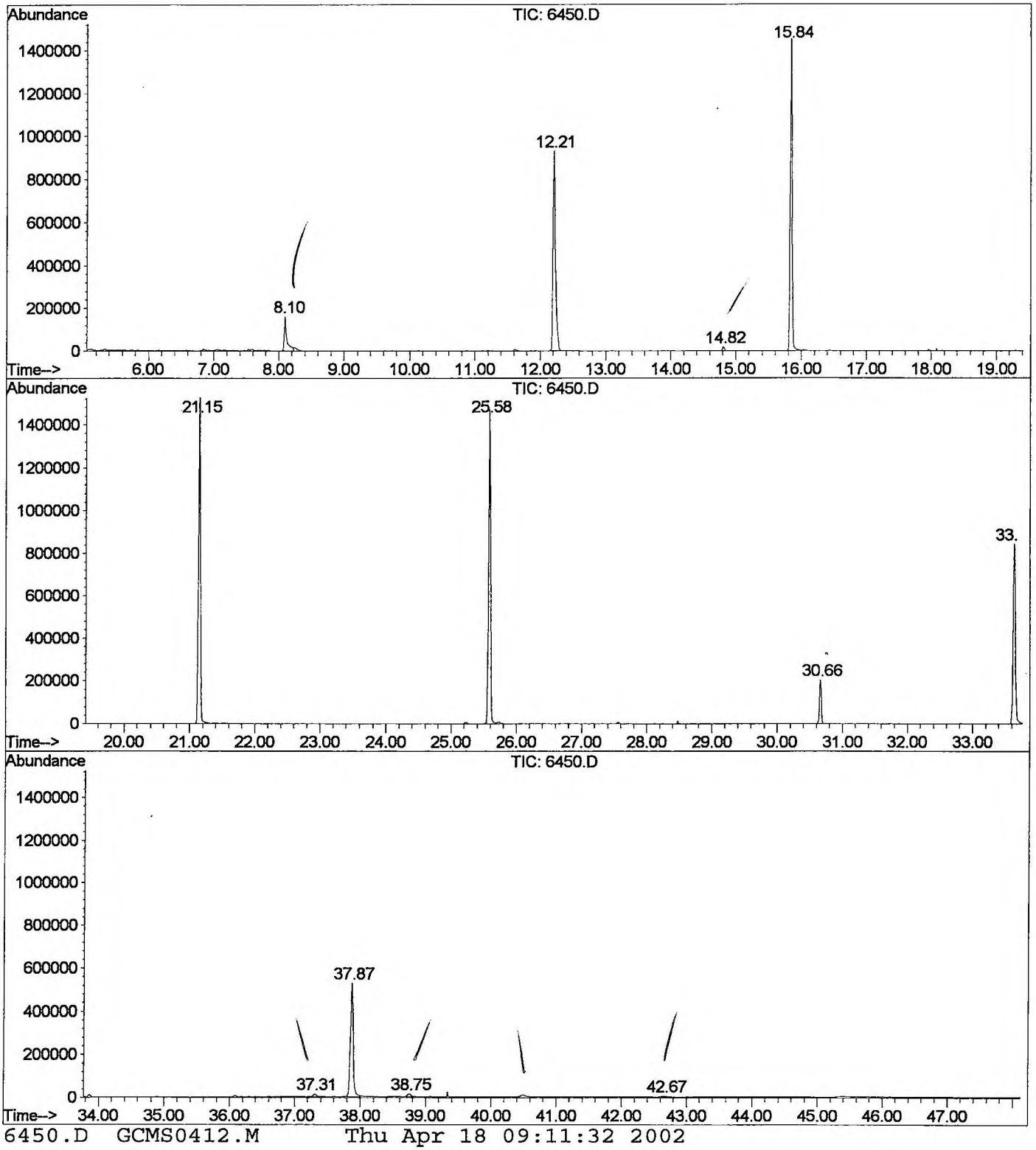
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.096	328	332	346	rBV	160110	431345	13.31%	2.709%
2	12.209	775	780	797	rVB	928837	2318917	71.58%	14.561%
3	14.816	1057	1064	1071	rBV	18546	37646	1.16%	0.236%
4	15.845	1170	1176	1188	rBV	1454363	2899292	89.49%	18.205%
5	21.151	1747	1754	1770	rBV	1525973	3239725	100.00%	20.343%
6	25.585	2231	2237	2249	rBV2	1468092	2991503	92.34%	18.784%
7	30.662	2785	2790	2795	rBV	203243	386725	11.94%	2.428%
8	33.636	3108	3114	3133	rBV2	843835	1976592	61.01%	12.411%
9	37.308	3509	3514	3522	rBV3	12752	36845	1.14%	0.231%
10	37.868	3568	3575	3590	rBV	526384	1519351	46.90%	9.540%
11	38.749	3665	3671	3679	rVB3	12304	42990	1.33%	0.270%
12	42.669	4085	4098	4109	rBV9	6287	44645	1.38%	0.280%

Sum of corrected areas: 15925576

6450.D GCMS0412.M Thu Apr 18 09:11:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\6450.D
Operator :
Acquired : 17 Apr 2002 3:05 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 8
Quant File :GCMS0412.RES (RTE Integrator)



6450.D GCMS0412.M Thu Apr 18 09:11:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

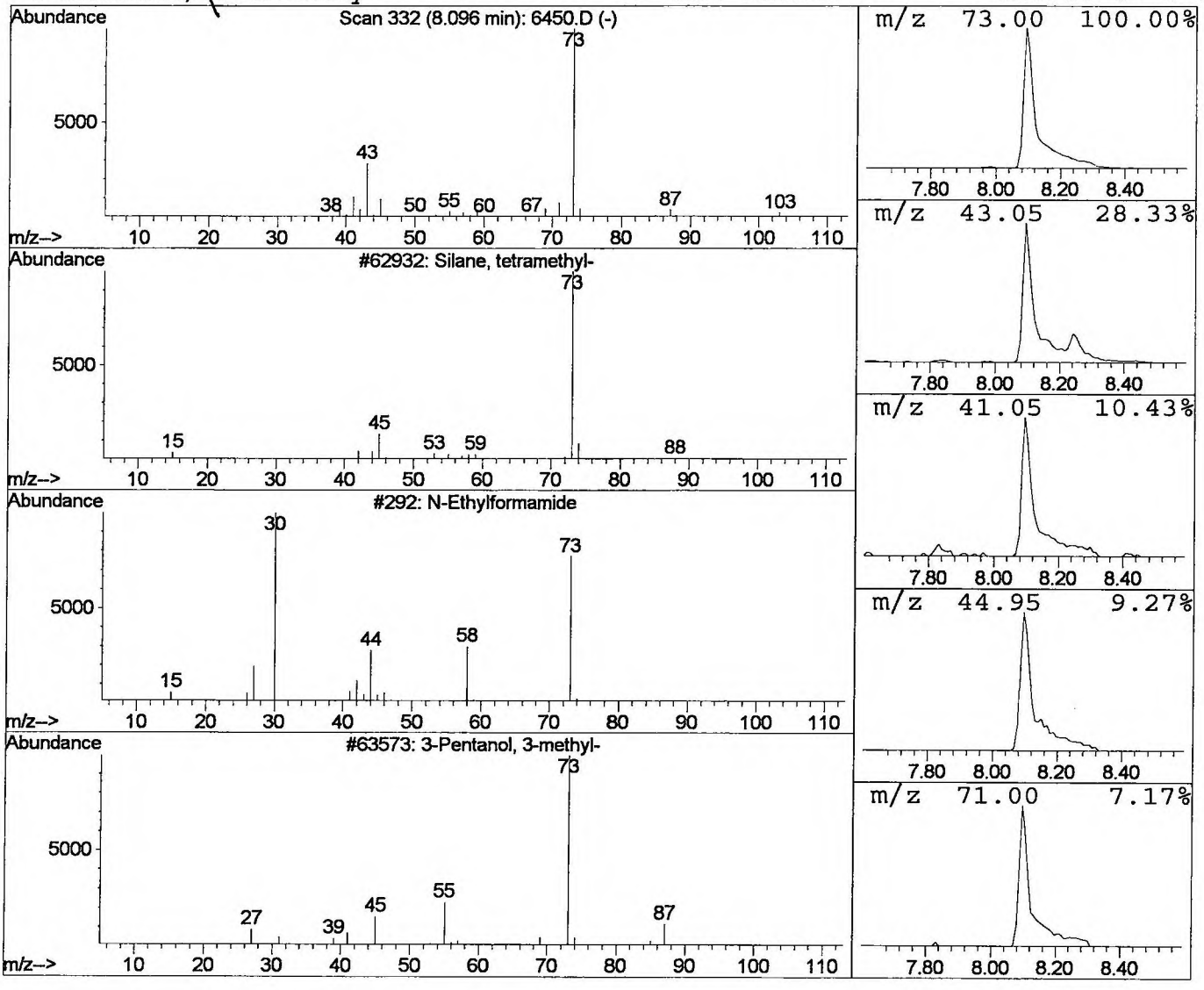
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	3.72 ug/l	431345	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

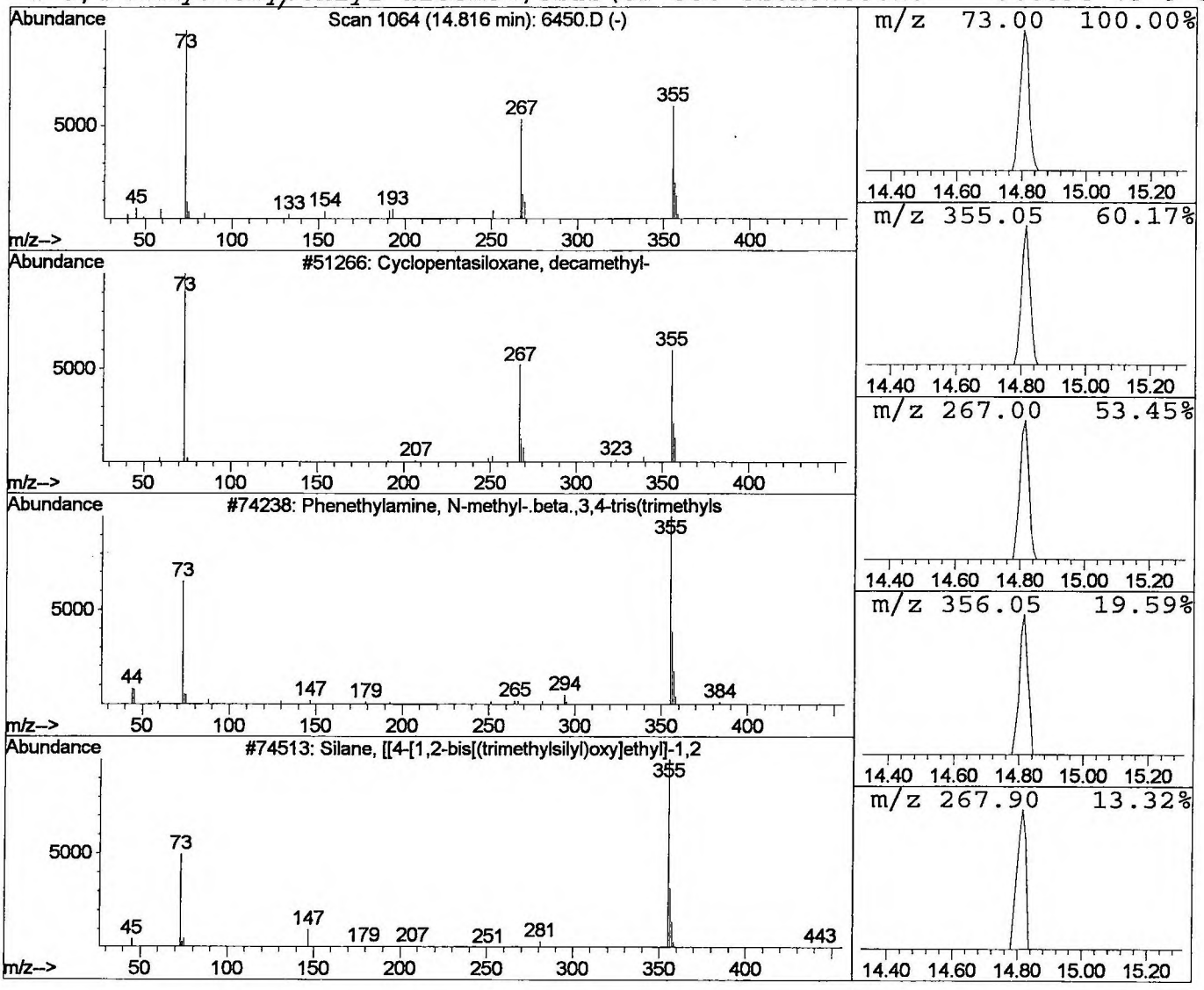
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	0.26 ug/l	37646	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	43
3	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	43
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

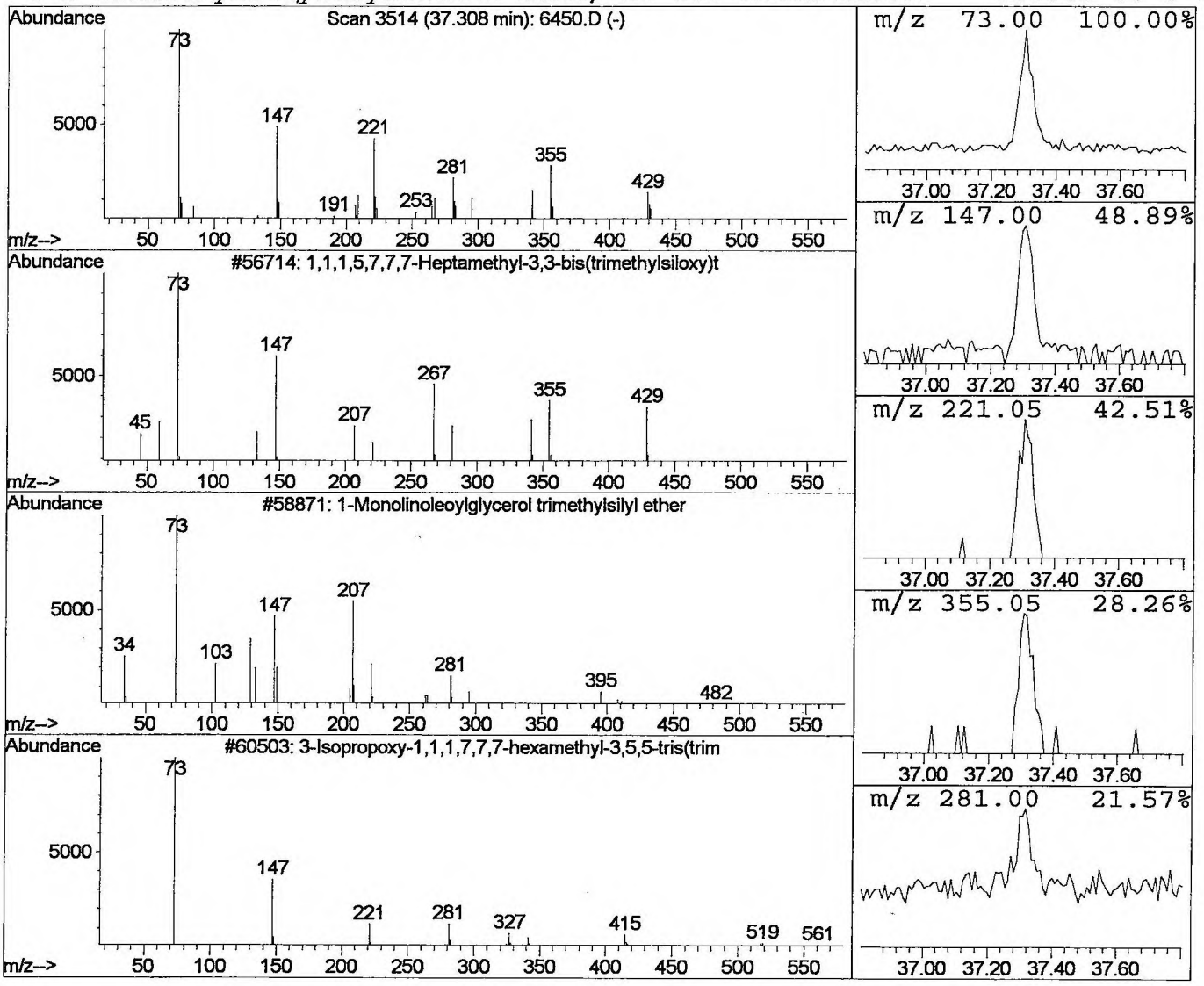
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	0.49 ug/l	36845	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	23
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

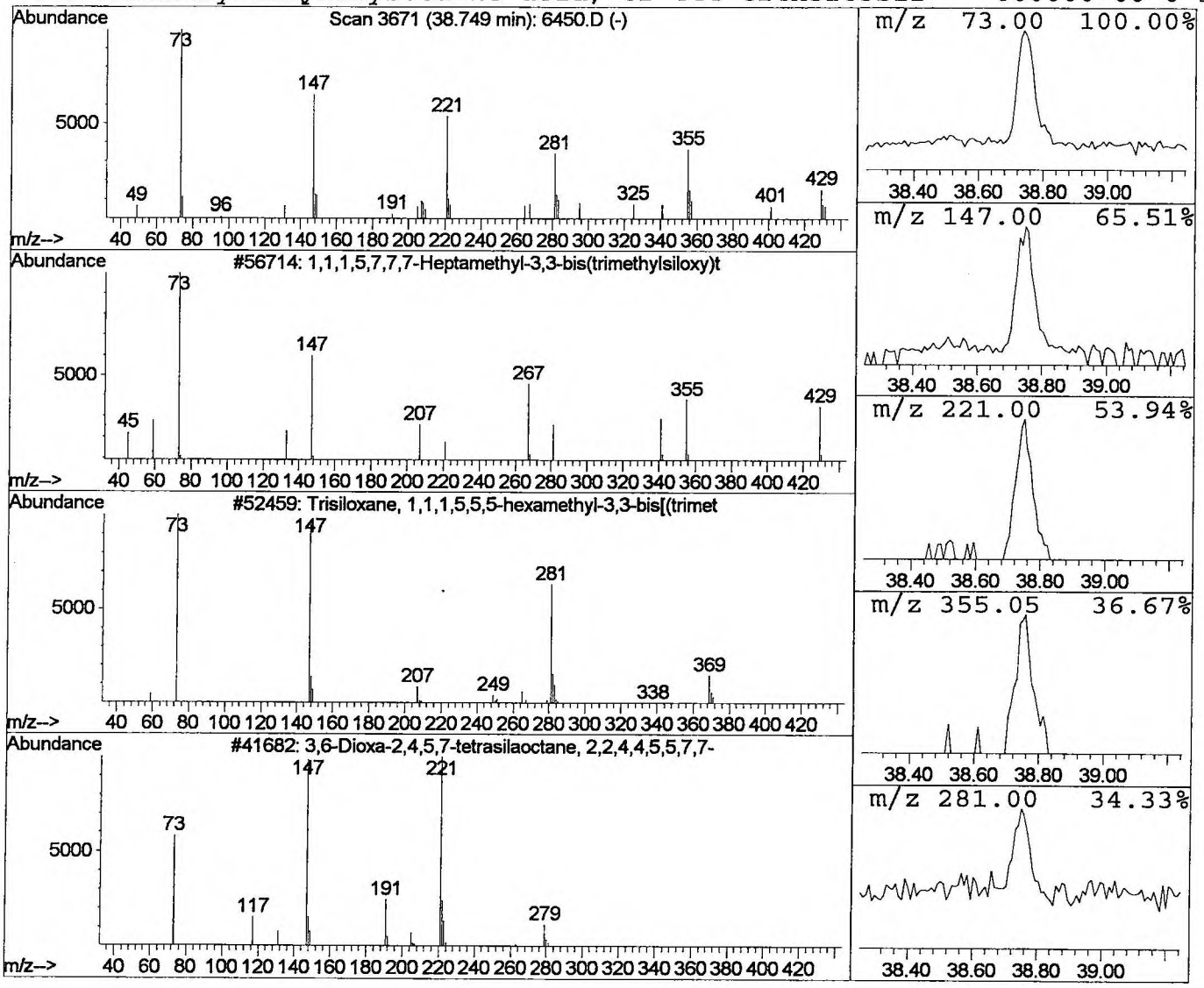
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	0.57 ug/l	42990	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	38
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	17
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6450.D Vial: 8
Acq On : 17 Apr 2002 3:05 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

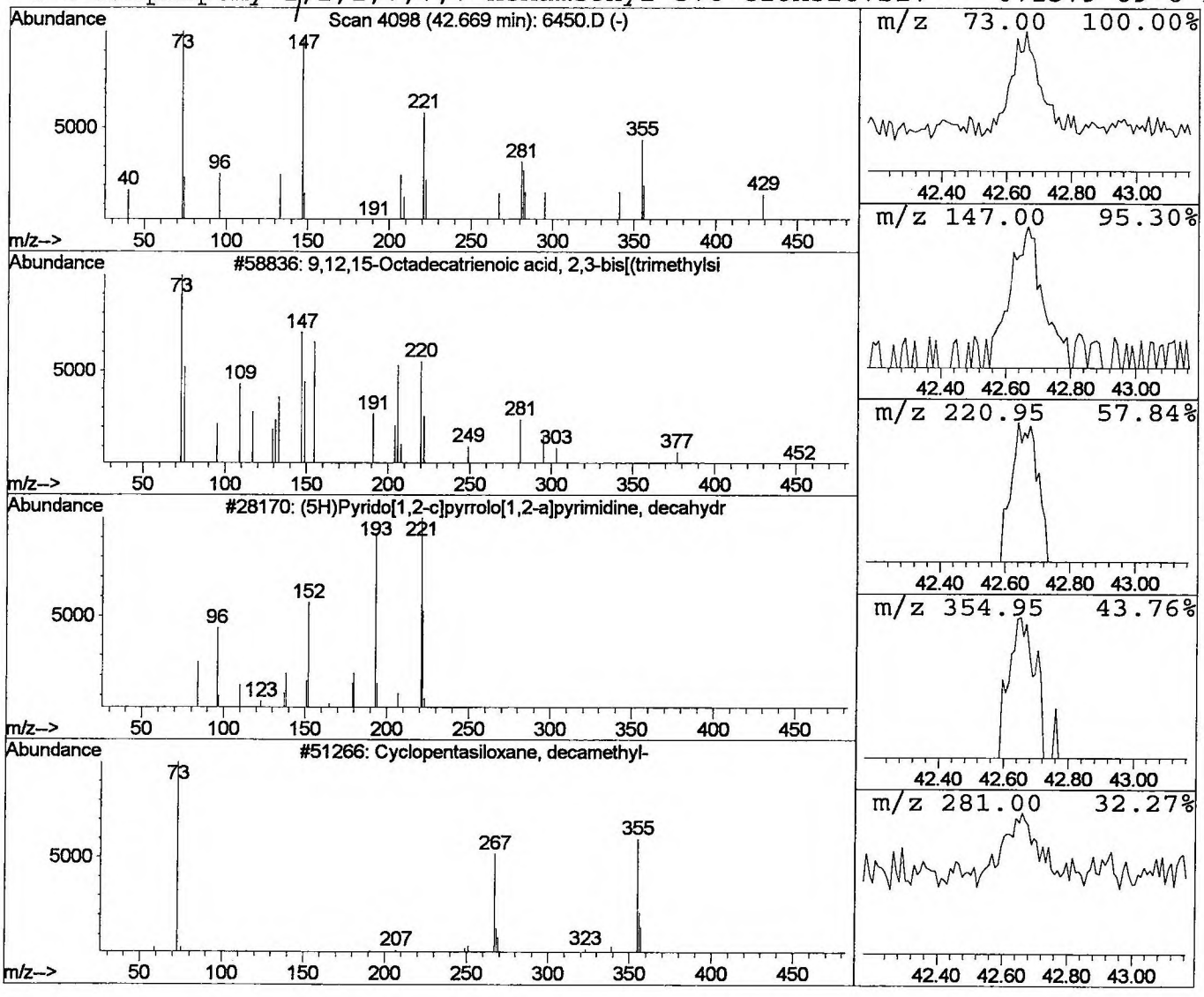
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 9,12,15-Octadecatrienoic acid, Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.67	0.59 ug/l	44645	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, 2,3-	496	C27H52O4Si2	055521-22-7	10
2	(5H)Pyrido[1,2-c]pyrrolo[1,2-a]pyri	222	C14H26N2	000000-00-0	9
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	9
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Apr 2002 3:05 pm
Data File: C:\HPCHEM\1\DATA\APR1702\6450.D
Name: gc/ms scan 3/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silane, tetramethyl-	8.10	3.7	ug/l	431345	ISTD01	12.21	2318920	20.0
Cyclopentasiloxane,	14.82	0.3	ug/l	37646	ISTD02	15.84	2899290	20.0
1,1,1,5,7,7,7-Heptam	37.31	0.5	ug/l	36845	ISTD06	37.87	1519350	20.0
1,1,1,5,7,7,7-Heptam	38.75	0.6	ug/l	42990	ISTD06	37.87	1519350	20.0
9,12,15-Octadecatrie	42.67	0.6	ug/l	44645	ISTD06	37.87	1519350	20.0

6450.D GCMS0412.M Thu Apr 18 09:11:37 2002